

**DOCKET NO. I20 06739 US**  
**Customer No. 000128**

**PATENT**



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Charles Q. Zhan, et al.

Application No.:

10/717,086

Filed:

November 19, 2003

For:

**APPARATUS AND METHOD FOR IDENTIFYING  
DEFECTIVE VALVES**

Group No.:

2863

Examiner:

Xiuqin Sun

**MAIL STOP RCE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 C.F.R. § 1.56, the Applicants submit this statement in accordance with 37 C.F.R. §§ 1.97 and 1.98 and § 609 of the Manual of Patent Examining Procedure. One publication is listed below and on the attached Form PTO/SB/08B. A copy of the listed publication is submitted herewith.



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APPLICATION NO. 10/717,086  
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Publication

Jiang Wanlu et al., "Applying Multiresolution Analysis for Processing of Hydraulic Pump Fault Signal", Fifth International Conference on Fluid Power Transmission and Control, Hangzhou, China, April 2001, Pp. 1-5.

The Applicants hereby expressly reserve the right to swear behind the effective date of this publication and to question the relevance and materiality of this publication, in whole, in part, or in combination, subsequent to filing this Information Disclosure Statement.

This Information Disclosure Statement is being transmitted with a Request for Continued Examination, so no fee is believed to be due. The Commissioner is hereby authorized to charge any fees connected with this communication (including any extension of time fees) or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

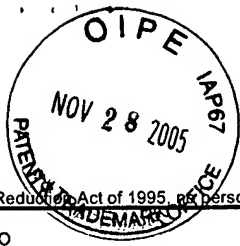
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PTO/SB/08B (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number 10/717,086

Filing Date November 19, 2003

First Named Inventor Charles Q. Zhan

Art Unit 2863

Examiner Name Xiuqin Sun

Attorney Docket Number 120 06739 US

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	JIANG WANLU ET AL., "Applying Multiresolution Analysis for Processing of Hydraulic Pump Fault Signal", Fifth International Conference on Fluid Power Transmission and Control, Hangzhou, China, April 2001, Pp. 1-5.	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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